

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary)  (PTO-1449)	ATTY. DOCKET NO. 2283/301	SERIAL NO. 09/574,735
	APPLICANT Leivan DeVeylder et al.	
	FILING DATE May 18, 2000	GROUP ART UNIT <del>1645</del> 1638

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
cc ↓	AA	5,750,862	5/12/1998	Peter C. L. John, et al.			
	AB	6,087,175	7/11/2000	Peter C. L. John, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN- SLATION IF APPRO- PRIATE
cc ↓	AH	WO 99 64599	12/16/99	PCT			
	AI	WO 99 14331	3/25/99	PCT			
	AJ	WO 97 26327 A	7/24/97	PCT			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

cc ↓	AK	Burssens S., et al. (1998) "The cell cycle in <i>Arabidopsis</i> ", <i>Plant Physiol. Biochem</i> 36(1-2): 9-19.
	AL	Burssens S., et al. (1998) "Identification of novel cell cycle genes in <i>Arabidopsis thaliana</i> ", current abstract <i>Plant Science and Biotechnology in Agriculture</i> 36.
	AM	Chen, J., et al. (1996) "Cyclin-Binding Motifs Are Essential For The Function Of p21 <sup>CIP1</sup> ", <i>Molecular and Cellular Biology</i> 16(9): 4673-4682.
	AN	de Almedia Engler, J., et al. (1999) "Molecular Markers And Cell Cycle Inhibitors Show The Importance Of Cell Cycle Progression In Nematode-Induced Galls And Syncytia", <i>Plant Cell</i> 11: 793-808.
	AO	Doerner, P., et al. (April 11, 1996) "Control of root growth and development by cyclin expression", <i>Nature</i> 380:520-523.
EXAMINER Cynthia Collins		DATE CONSIDERED 4/2/02
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 6 9; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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	BA						
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
CC	BH	WO 00 60087	10/12/00	PCT			
↓	BI	WO 96 31534 A	10/10/96	PCT			
	BJ	WO 92 09685	6/11/92	PCT			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

CC ↓	BK	Doonan, J., (1996) "Plant Growth: Roots In The Cell Cycle", <i>Current Biology</i> 6(7): 788-789.
	BL	Forsburg, Susan L. (2000) "Themes and variations: the First Salk Institute Cell Cycle Meeting, 18-22 June 1999", <i>Biochimica et Biophysica Acta</i> 1470: R13-R16.
	BM	Fountain, M.D., (November 27, 1997) "Chenopodium rubrum G1 cyclin-dependent kinase inhibitor mRNA, complete cds." EMBL Accession No. AJ002173.
	BN	Hemerly A.S., et al. (1999) "Cell Cycle Control And Plant Morphogenesis: Is There An Essential Link?" <i>Bioessays</i> 21: 29-37.
	BO	Hemerly, A., et al., (December 1993) "cdc2a Expression in Arabidopsis is Linked with Competence for Cell Division", <i>The Plant Cell</i> 5: 1711-1723.
EXAMINER <i>Cynthia Collins</i>		DATE CONSIDERED 4/2/02
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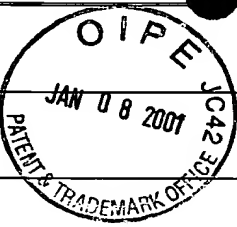
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
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cc	CH	WO 97 26327 A	7/24/97	PCT			
↓	CI	WO 97 20842 A	10/10/96	PCT			
↓	CJ	WO 97 16447 A	5/9/97	PCT			

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cc ↓	CK	Hemerly et al. (1995) "Dominant Negative Mutants of the CDC2 Kinase Uncouple Cell Division From Iterative Plant Development", <i>Embo Journal</i> 14(16): 3925-3936.
	CL	Hinds, Phil (1999) "The cell cycle Cold Spring Harbor, 20-24 May 1998", <i>Biochimica et Biophysica Acta</i> 1423:R63-R67.
	CM	Huntley, Rachel P., et al. (1999) "The Plant Cell Cycle", <i>Plant Biology</i> 2: 447-453.
	CN	Inze, D., et al. (1999) "Trends In Plant Cell Cycle Research", <i>Plant Cell</i> 11(1): 1-4.
	CO	Jacqumard, A., et al. (1999) "Expression Of CKS1A In <i>Arabidopsis thaliana</i> Indicates A Role For The Protein In Both The Mitotic And The Endoreduplication Cycle", <i>Planta</i> 207: 496-504.
EXAMINER <i>Lynthia Collins</i>		DATE CONSIDERED 4/2/02
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CC	DH	WO 93 15213 A	8/5/93	PCT			
	DI						
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CC	DK	LaBaer, J., et al. (1997) "New Functional Activities For The p21 Family of CDK Inhibitors", <i>Genes &amp; Development</i> 11: 847-862.
↓	DL	Lui, H., et al. (2000) "The Arabidopsis Cdc2a-Interacting Protein ICK2 Is Structurally Related To ICK1 and is a potent inhibitor of cyclin-dependent kinase activity in vitro", <i>Plant Journal</i> 21(4): 379-385.
	DM	Mironov, V., et al. (1999) "Cyclin-Dependent Kinases And Cell Division In Plants-The Nexus", <i>Plant Cell</i> 11: 509-522.
	DN	Nakamura Y. (April 14, 1998) "Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone:K24G6" EMBL Accession No. AB012242.
	DO	Nakayama, K. et al. (1998) "Cip/Kip Cyclin-Dependent Kinase Inhibitors: Brakes Of The Cell Cycle Engine During Development", <i>Bioessays</i> 20: 1020-1029.

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	EI						
	EJ						

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CC ↓	EK		Niebel, A., et al. (1996) "Induction of cdc2a and cyclA1 Expression in <i>Arabidopsis thaliana</i> During Early Phases of Nematode-Induced Feeding Cell Formation", <i>Plant Journal</i> 10(6): 1037-1043.
	EL		Planchais, S., (1997) "Roscovitine, a novel cyclin-dependent kinase inhibitor, characterizes restriction point and G2/M transition in tobacco By-2 cell suspension", <i>The Plant Journal</i> 12(1):191-202.
	EM		Pyke, K, et al. (1999) "Cellular Differentiation and Leaf Morphogenesis in <i>Arabidopsis</i> ", <i>Critical Reviews in Plant Sciences</i> 18(4): 527-546.
	EN		Reed, S. I. (1996) "G1/S Regulatory Mechanisms From Yeast To Man", <i>Prog. Cell Cycle Res.</i> 2: 15-27.
	EO		Veylder De, et al. (1997) "The Arabidopsis CKS1 At Protein Binds The Cyclin-Dependent Kinases CDC2AAT and CDC2BAT", <i>Febs Letters</i> 412 no. 3 and 4: 446-452.

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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

ec	FK	Wang, H., et al. (1997) "A Plant Cyclin-Dependent Kinase Inhibitor Gene", <i>Nature</i> 386: 451-452.
↓	FL	Wang, H., et al. (1998) "ICK1, A Cyclin-Dependent Protein Kinase Inhibitor From <i>Arabidopsis thaliana</i> Interacts With Both Cdc2a and CycD3, And Its Expression Is Induced By Absciscic Acid", <i>Plant Journal</i> 15(4): 501-510.
↓	FM	Wang H., et al. (1997) "Arabidopsis thaliana cyclin-dependent kinase inhibitor protein (ICK1) mRNA, complete cds", EMBL Accession No. U94772, April 29, 1997.
	FN	
	FO	
EXAMINER <i>Cynthia Colone</i>		DATE CONSIDERED <b>4/2/02</b>

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